

CLAIMS

What is claimed is:

- 5 1. In a thermoluminescence device comprising a sensitive element comprising one or more thermoluminescence crystals, an improvement comprising a lens drawer comprising one or more bandpass filters.
- 10 2. The improvement of claim 1 wherein said bandpass filters are equal in number to the crystals.
3. The improvement of claim 2 wherein said bandpass filters number four.
4. The improvement of claim 1 wherein said bandpass filters comprise lenses.
- 15 5. A thermoluminescence device lens drawer comprising one or more bandpass filters.
6. The lens drawer of claim 1 wherein said bandpass filters are equal in number to a number of thermoluminescence crystals of a corresponding thermoluminescence device.
- 20 7. The lens drawer of claim 2 wherein said bandpass filters number four.
8. The lens drawer of claim 1 wherein said bandpass filters comprise lenses.

9. A thermoluminescence dosimetry method comprising the steps of:
- heating one or more thermoluminescence crystals;
 - passing light from the one or more crystals through one or more bandpass filters;

and

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detecting light passed through the one or more bandpass filters.

10. The method of claim 13 wherein in the passing step the bandpass filters are located in a thermoluminescence device lens drawer.

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11. The method of claim 13 wherein in the passing step the bandpass filters are equal in number to the crystals.

12. The method of claim 15 wherein in the passing step the bandpass filters number four.

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13. The method of claim 13 wherein in the passing step the bandpass filters comprise lenses.